

**LIQUID WATER CONTENT MEASUREMENT APPARATUS  
AND METHOD**

**ABSTRACT OF THE DISCLOSURE**

Ice accretion on a probe is detected with various ice detectors to provide a signal indicating the rate of ice accretion. The rate of change of ice accretion is determined and is combined with parameters including air velocity, air pressure and air temperature for providing a signal that indicates liquid water content in the airflow, as well as ice accretion on the ice detector.